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EN User manual

PHILIPS

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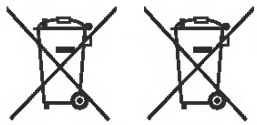
Important

'Read and understand all information in the accompanying Safety booklet before you install and use your TV. If damage is caused by failure to follow these instructions, the warranty does not apply.'

Disposal of old Equipment and Batteries

Please do not disposed this TV or battery as general household waste. If you want to dispose this product or battery, please consider the collection systems or facilities for appropriate recycling.

Notice: *The sign Pb below the symbol for batteries indicates that this battery contains lead.*



Products

Battery

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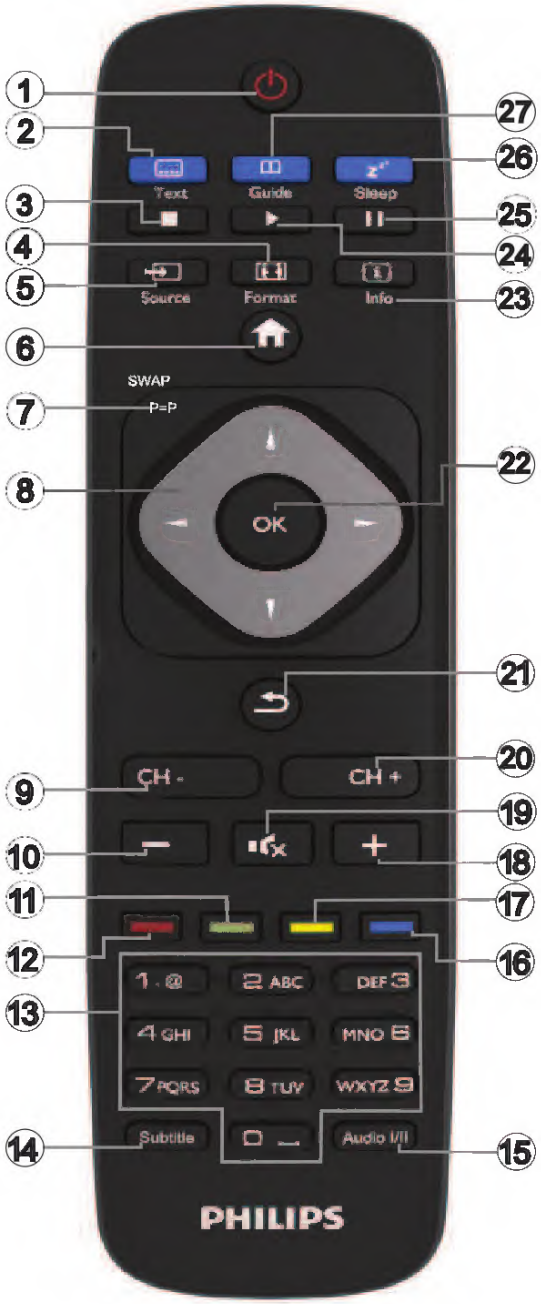
Remote Control



Teletext

Press Text button to enter. Press again to activate mix mode. Press once more to exit. Follow the instructions displayed on digital teletext screen.

Digital teletext

Press Text button to view digital teletext information. Operate it with the colored buttons, cursor buttons and OK button. The operation method may differ depending on the contents of the digital teletext. Follow the instructions displayed on digital teletext screen.

1. **Standby:** Switches On / Off the TV
2. **Text:** Displays teletext (where available), press again to superimpose the teletext over a normal broadcast picture (mix)
3. **Stop:** Stops the media being played
4. **Screen:** Changes the aspect ratio of the screen
5. **Source:** Shows all available broadcast and content sources
6. **Menu:** Displays TV menu
7. **Swap:** Quickly cycles between previous and current channels or sources

   If the **Hotel Mode** is set to **On**, a press of this button switches between the Network Channel Types DVB-T&Analogue and DVB-Cable&Analogue
8. **Navigation buttons:** Helps navigate menus, content etc. and displays the subpages in TXT mode when pressed Right or Left
9. **Programme - / Page +**
10. **Volume -**
11. **Green button:** Follow the on-screen instructions for coloured button functions
12. **Red button:** Follow the on-screen instructions for coloured button functions
13. **Numeric buttons:** Switches the channel, enters a number or a letter in the text box on the screen.
14. **Subtitles:** Turns subtitles on and off (where available)
15. **Language:** Switches between sound modes (analogue TV), displays and changes audio/subtitle language (digital TV, where available)
16. **Blue button:** Follow the on-screen instructions for coloured button functions
17. **Yellow button:** Follow the on-screen instructions for coloured button functions
18. **Volume +**
19. **Mute:** Completely turns off the volume of the TV
20. **Programme + / Page -**
21. **Return/Back:** Returns to previous screen, opens index page (in TXT mode)
22. **OK:** Confirms user selections, holds the page (in TXT mode), views channel list
23. **Info:** Displays information about on-screen content, shows hidden information (reveal - in TXT mode)
24. **Play:** Starts to play selected media
25. **Pause:** Pauses the media being played
26. **Sleep:** Sets your TV to shut down automatically
27. **EPG (Electronic programme guide):** Displays the electronic programme guide

Note: *The Remote Control range is approximately 7m / 23ft.*

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Notifications, features and accessories

Energy efficiency

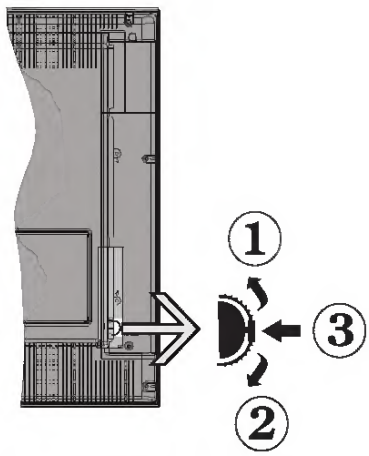
This TV is designed with energy efficieny features:

- **Power save mode (Eco)**: You can apply a combination of energy saving picture settings. While you watch TV, press the **Menu** button and, the **Power Save Mode** settings can be found in the **Picture** section of the Main Menu.
- **Picture off mode**: If you only want to listen to audio from the TV, you can switch off the display. Other functions continue to operate normally. While you watch TV, press **Menu** button and select **Picture**, and from there select the **Power Save Mode** option. Press Right button while **Eco** is selected. A message will be displayed on the screen. Select **PROCEED** and press **OK** to turn the screen off immediately. If you don't press any button, the screen will be off in 15 seconds. Press any button on the remote or on the TV to turn the screen on again.

Note: *Disconnect your TV from the mains plug in case your TV is going to be inactive for a long time.*

TV scroll button

The TV Scroll button on the side of the TV allows you to control the volume, change channels and put the TV into standby.



To change volume: Increase the volume by scrolling up. Decrease the volume by scrolling down.

To change channel:

- Press the middle of the scroll button, the channel information banner will appear on screen.
- Scroll through the stored channels by pushing the button up or down.

To change source:

- Press the middle of the button twice, the source list will appear on screen.
- Scroll through the available sources by pushing the button up or down.

To switch the TV to standby: Press the middle of the button down and hold it down for a few seconds, the TV will turn into standby mode.

Switching on/off

To switch the TV on

To switch on the TV from standby mode either:

- Press the **Standby** button, **Programme +/-** or a numeric button on the remote control.
- Press the side function switch until the TV comes on from standby.

Note: *If the TV has been left on and not been operated for a while, the TV will go into standby. When you next switch-on, the following message will be displayed. "**Standby Cause No Operation**", Press **OK** to continue.*

To switch the TV off

- Press the **Standby** button on the remote control or press the side function switch until the TV switches into standby mode.

Note: *To power down the TV completely, unplug the power cord from the mains socket.*

First time installation

You will see the language selection screen when you first turn on your TV. Select your preferred language and press **OK**.

Note: *If a USB device is connected to the TV, you can press the **GREEN** button on the remote before continuing, in order to load the NVRAM data (service list, preferences, etc.) from the USB device which is uploaded from another Philips Hotel TV. Refer to the **"Copy To USB"** and **"Copy From USB"** sections under the **Hotel Mode** title on the pages at the end of this manual.*

*If the correct software update file is pre-installed in the USB device, you can press the **RED** button on the remote before continuing, in order to upgrade your TV's software. The software update file should be named as "VES151HE_upgrade.bin".*

*Software upgrade via an USB device can be done anytime by using the hidden key combination, "**Menu-1-5-0-5**".*

On the next screen, set your preferences using the navigation buttons and when finished, press **OK** followed by the selection **Home Mode** / **Store Mode**.

You can set up your TV by following the First Time Installation (FTI) screen with the following selections.

Aerial installation

Select the **Aerial** option from the **Search Type** screen to search for terrestrial digital TV broadcasts.

Cable installation

Select **Cable** option and press **OK** on the remote control. For automatic installation in case your Cable network supplier supports a Network-ID based installation (e.g. Unitymedia), select **Yes** in following screen and press **OK**.

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In case your Cable network supplier does not support a Network-ID based installation please select **No**, press **OK** and follow the instruction on the screen.

You can also select frequency ranges from this screen. Enter the frequency range manually by using the numeric buttons.

Note: *Searching duration will change depending on the selected search step.*

While the search continues a message may appear, asking whether you want to sort channels according to the LCN(*). Select Yes and press **OK** to confirm.

(*) *LCN is the Logical Channel Number system that organizes available broadcasts in accordance with a recognizable channel number sequence (if available).*

After all the available stations are stored, the **Edit Channel List** will be displayed on the screen. Press **Menu** button to quit **Edit Channel List** and watch TV.

Note: *Do not turn off the TV while initializing first time installation. Note that, some options may not be available depending on the country selection.*

Play media files from a USB drive

You can play photo, music and movie files stored on a USB disk by connecting it to your TV. Connect a USB disk to one of the USB inputs located on the side of the TV. Pressing the **Menu** button while in the Media Browser mode will access the **Picture**, **Sound** and **Settings** menu options. Pressing the **Menu** button again will exit from this screen. You can set your Media Browser preferences by using the **Settings** menu.

IMPORTANT! Back up your files before making any connections to the TV. The manufacturer will not be responsible for any file damage or data loss. Certain types of USB devices, for example, MP3 players or USB hard disk drives/memory sticks may not be compatible with this TV.

Media browser menu

Loop/Shuffle Mode Operation	
Start playback with the **Play** button and activate	All files in the list will be continuously played in original order
Start playback with the **OK** button and activate	The same file will be played continuously (repeat)
Start playback with the **Play** button and activate	All files in the list will be played once in random order
Start playback with the **Play** button and activate ,	All files in the list will be continuously played in the same random order

CEC

This function allows to control the CEC-enabled devices, that are connected through HDMI ports by using the remote control of the TV.

The **CEC** option in the **Settings>Other Settings** menu should be set as **Enabled** at first. Press the **Source** button and select the HDMI input of the connected CEC device from the **Sources list** menu. When new CEC source device is connected, it will be listed in source menu with its own name instead of the connected HDMI ports name(such as DVD Player, Recorder 1 etc.).

The TV remote is automatically able to perform the main functions after the connected HDMI source has been selected.

To terminate this operation and control the TV via the remote again, press and hold the "0-Zero" button on the remote control for 3 seconds. This feature can also be enabled or disabled under the **Settings>Other Settings** menu.

The TV supports also ARC(Audio Return Channel) feature. This feature is an audio link meant to replace other cables between the TV and the audio system (A/V receiver or speaker system).

When ARC is active, TV does not mute its other audio outputs automatically. So you need to decrease TV volume to zero manually, if you want to hear audio from connected audio device only (same as other optical or co-axial digital audio outputs). If you want to change connected device's volume level, you should select that device from the source list. In that case volume control keys are directed to connected audio device.

System Audio Control

Allows an Audio Amplifier/Receiver to be used with the TV. The volume can be controlled using the remote control of the TV. To activate this feature set the **Speakers** option in the **Settings>Other Settings** menu as **Amplifier**. The TV speakers will be muted and the sound of the watched source will be provided from the connected sound system.

Note: *The audio device should support System Audio Control feature and **CEC** option should be set as **Enabled**.*

Change TV settings

To access the options listed below;

1- Press the **Menu** button

2- Highlight your selection

3- Press **OK** to confirm

Display options

Mode: Changes the picture mode to one of the following: **Cinema**, **Game**, **Sports**, **Dynamic** and **Natural**.

Contrast: Sets the light and dark values of the image.

Brightness: Sets the brightness value of the image.

Sharpness: Sets the sharpness value. A high sharpness value may result in a clearer, crisper image depending on the content.

Color: Sets the color value.

Backlight: Controls the brightness of the backlight.

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Noise reduction: Reduces the noise level in the image.

Sound options

Volume: Adjusts volume level.

Equalizer: Changes the equalizer mode.

Balance: Adjusts whether the sound is coming mainly from the right or left speakers.

Headphone: Sets headphone volume.

Sound mode: Sets the preferred sound mode.

AVL: Sets a limit to maximum volume output.

Dynamic bass: Enables or disables the Dynamic Bass. Increases the range of bass.

Surround sound: Surround sound mode can be changed as **On** or **Off**.

Digital Out: Sets digital out audio type.

Configuring parental settings

This feature is for restricting access to selected content. It is controlled by a pin number defined by you.

Note: *Default PIN can be set to **0000** or **1234**. If you have defined the PIN(is requested depending on the country selection) during the **First Time Installation** use the PIN that you have defined.*

Menu lock (optional): Menu lock setting enables or disables the menu access.

Maturity lock (optional): If this option is set, TV gets the maturity information from the broadcast and if this maturity level is disabled, disables access to the broadcast.

Child lock (optional): When Child Lock is set, the TV can only be controlled by the remote control. In this case the control panel buttons will not work.

Set PIN: Defines a new PIN number.

Electronic program guide (EPG)

Some channels send information about their broadcast schedules. Press the **Epg** button to view the EPG menu.
Red button (Prev Day): Displays the programs of previous day.
Green button (Next day): Displays the programs of the next day.
Yellow button (Zoom): Press the **Yellow** button to see events in a wider time interval.
Blue button (Filter): Views filtering options.
SUBTTL: Press **Subtitles** button to view Select Genre menu. Using this feature, you can search the program guide database in accordance with the genre. Info available in the program guide will be searched and results matching your criteria will be highlighted.
Info button: Displays detailed information about selected programs.
Numeric Buttons (Jump): Jumps to the preferred channel directly via numeric buttons.
OK: Displays program options.
Text button (Search): Displays **Guide Search** menu.
Swap button (Now): Displays current event of the highlighted channel.

Program Options

In EPG menu, press the **OK** button to open the **Event Options** menu.
Select Channel: In EPG menu, using this option, you can switch to the selected channel.
Set Timer / Delete Timer: After you have selected a program in the EPG menu, press the **OK** button. Select the **Set Timer on Event** option and press the **OK** button. You can set a timer for future programs. To cancel an already set timer, highlight that program and press the **OK** button. Then select **Delete Timer** option. The timer will be cancelled.

Update your TV

Navigate on your main menu, choose settings, the version of the current software is displayed.

CAUTION: *Do not install a lower version of software than the current version installed on your product. TP Vision cannot be held liable or be made responsible for problems caused by a software downgrade.*

Update with USB

Before you update the software, make sure that you have:

- A USB storage device that has at least 256 megabytes of storage space, is FAT32 or DOS formatted and has its write protection disabled.
- Access to a computer with a USB connector and Internet access.

Navigate to www.philips.com/support, and follow the software update instructions.

Automatic update from digital broadcast

While the TV is connected to an aerial signal. If **Automatic scanning** in the **Upgrade Options** menu is **Enabled**, the TV wakes up at 03:00 and searches broadcast channels for new software upgrades. If new software is found and downloaded successfully, the next time the TV powers up , it will have the new software version.

Note: *Do not unplug the power cord while led is blinking during the reboot process. If the TV fails to come on after the upgrade unplug the TV for 2 minutes and plug in again.*

Troubleshooting & Tips

Tv will not turn on

Make sure the power cord is plugged in securely to wall outlet. Check if batteries are exhausted. Press the Power button on the TV.

Poor picture

- Check if you have selected the correct TV system.

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- Low signal level can cause picture distortion. Please check antenna access.
- Check if you have entered the correct channel frequency if you have done manual tuning.
- The picture quality may degrade when two devices are connected to the TV at the same time. In such a case, disconnect one of the devices.

No picture

- This means your TV is not receiving any transmission. Make sure the correct source has been selected.
- Is the antenna connected properly?
- Is the antenna cable damaged?
- Are suitable plugs used to connect the antenna?
- If you are in doubt, consult your dealer.

No sound

- Check if the TV is muted. Press the Mute button or increase the volume to check.
- Sound may be coming from only one speaker. Check the balance settings from sound menu.

Remote control - no operation

- The batteries may be exhausted. Replace the batteries.

Input sources - can not be selected

- If you cannot select an input source, it is possible that no device is connected. If not;
- Check the AV cables and connections if you have tried to connect a device.

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Specifications

TV Broadcasting	PAL SECAM BG/DK/II'/LL'					
Receiving Channels	VHF (BAND I/III) - UHF (BAND U) - HYPERBAND					
Digital Reception	Fully integrated digital terrestrial-cable TV(DVB-T-C) (DVB-T2 compliant)					
Number of Preset Channels	1000					
Channel Indicator	On Screen Display					
RF Aerial Input	75 Ohm (unbalanced)					
Operating Voltage	220-240V AC, 50Hz.					
Audio	German+Nicam Stereo					
Display	19"	24"	28"	32"	40"	48"
Audio Output Power (WRMS.) (10% THD)	2x2,5W	2x2,5W	2x6W	2x6W	2x8W	2x8 W
Power Consumption (W)	45W	50W	50W	65W	75W	75 W
Weight (kg)	2,8 kg	3,45 kg	5,1 kg	5,65 kg	8,85 kg	12,45 kg
TV Dimensions DxLxH (with foot) (mm)	134x451x331 mm	134x554x370 mm	185x640x427 mm	185x735x478 mm	220x923x588 mm	220x1093x681 mm
TV Dimensions DxLxH (without foot) (mm)	35x451x296 mm	35(min)/61(max) x554 x339 mm	38(min)/65(max) x640x387 mm	77(min)/97(max) x735x438 mm	79(min)/98(max) x923x544 mm	81(min)/99(max) x1093x642 mm
Operation temperature and operation humidity:	5°C up to 45°C, 85% humidity max					

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PC input typical display modes

The following table is an illustration of some of the typical video display modes.

Index	Resolution	Frequency
1	640x350	85Hz
2	640x400	70Hz
3	640x400	85Hz
4	640x480	60Hz
5	640x480	66Hz
6	640x480	72Hz
7	640x480	75Hz
8	640x480	85Hz
9	800x600	56Hz
10	800x600	60Hz
11	800x600	70Hz
12	800x600	72Hz
13	800x600	75Hz
14	800x600	85Hz
15	832x624	75Hz
16	1024x768	60Hz
17	1024x768	66Hz
18	1024x768	70Hz
19	1024x768	72Hz
20	1024x768	75Hz
21	1024x768	85Hz
22	1152x864	60Hz
23	1152x864	70Hz
24	1152x864	75Hz
25	1152x864	85Hz
26	1152x870	75Hz
27	1280x768	60Hz
28	1360x768	60Hz
29	1280x768	75Hz
30	1280x768	85Hz
31	1280x960	60Hz
32	1280x960	75Hz
33	1280x960	85Hz
34	1280x1024	60Hz
35	1280x1024	75Hz
36	1280x1024	85Hz
37	1400x1050	60Hz
38	1400x1050	75Hz
39	1400x1050	85Hz
40	1440x900	60Hz
41	1440x900	75Hz
42	1600x1200	60Hz
43	1680x1050	60Hz
44	1920x1080	60Hz
45	1920x1200	60Hz

AV and HDMI signal compatibility

Source	Supported Signals		Available
EXT (SCART)	PAL 50/60		O
	NTSC 60		O
	RGB 50/60		O
	SECAM		O
Side AV	PAL 50/60		O
	NTSC 60		O
	SECAM		O
PC/YPbPr	480i, 480p	60Hz	O
	576i, 576p	50Hz	O
	720p	50Hz,60Hz	O
	1080i	50Hz,60Hz	O
HDMI	480i	60Hz	O
	480p	60Hz	O
	576i, 576p	50Hz	O
	720p	50Hz,60Hz	O
	1080i	50Hz,60Hz	O
	1080p	24Hz, 25Hz, 30Hz, 50Hz, 60Hz	O

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Supported file formats for USB mode

Media	Extension	Format	Notes
Video	dat, mpg, mpeg	Mpeg1-2	1080P@30fps, 50Mbit/sec
	ts, trp, tp, m2ts	MPEG2 , H 264, VC1, AVS, MVC	H 264 1080Px2@25fps, 1080P@50fps MVC 1080P@ 24fps Other 1080P@30fps - 50Mbit/sec
	vob	MPEG2	1080P@30fps 50Mbit/sec
	mkv	MPEG1-2-4, H 264	H 264 1080Px2@25fps, 1080P@ 50fps, 1080P@30fps, 50Mbit/sec
	mp4, mov	MPEG4, XviD, H 264	H 264 1080Px2@25fps, 1080P@ 50fps, 1080P@30fps, 50Mbit/sec
	avi	MPEG2-4, Xvid, H 264	H 264 1080Px2@25fps, 1080P@ 50fps, 1080P@30fps, 50Mbit/sec
	fla, flv	H 264, Sorenson H 263	H 264 1080Px2@25fps, 1080P@50fps, 1080P@30fps, 40Mbit/sec
	3gp	MPEG4, H 264	1920x1080@30P 20Mbit/sec
	asf, wmv	VC1	1080P@30fps, 50Mbit/sec
Audio	mp3	MPEG1/2 Layer 1/2/3 (MP3)	Layer1 32Kbps ~ 448Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate) Layer2 8Kbps ~ 384Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate) Layer3 8Kbps ~ 320Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate)
	wav	LPCM	
	WMA/ ASF	WMA, WMA Pro	WMA 128bps ~ 320Kbps (Bit rate) / 8KHz ~ 48Khz (Sampling rate) WMA Pro < 768kbps (Bit rate) / ~ 96KHz (Sampling rate)
	m4a/ aac	AAC, HEAAC	Free Format (Bit rate) / 8KHz ~ 48KHz (Sampling rate)
	pcm	PCM	8Kbps ~ 320Kbps (Bit rate) / 16KHz ~ 48KHz (Sampling rate)
	(works only with video files)	AC3	32Kbps ~ 640Kbps (Bit rate) / 32KHz, 44 1KHz, 48KHz (Sampling rate)
		EAC3	32Kbps ~ 6 Mbps (Bit rate) / 32KHz, 44 1KHz, 48KHz (Sampling rate)
		LPCM	64Kbps ~ 1 5Mbps (Bit rate) / 8KHz ~ 48Khz (Sampling rate)
		IMA-ADPCM/ MS-ADPCM	384Kbps (Bit rate) / 8KHz ~ 48Khz (Sampling rate)
		G711 A/mu-law	64~128Kbps (Bit rate) / 8KHz (Sampling rate)
Picture	jpeg, jpg	Baseline	Resolution(WxH) 15360x8640, 4147200 bytes
		Progressive	Resolution(WxH) 1024x768, 6291456 bytes
	png	non-interlace	Resolution(WxH) 9600x6400, 3840000 bytes
		interlace	Resolution(WxH) 1200x800, 3840000 bytes
	bmp		Resolution(WxH) 9600x6400, 3840000 bytes
Subtitle	sub	-	Sub1, Sub2, Sub3
	srt	-	

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HOTEL MODE

The hotel mode is a special mode which restricts some operations of TV. This allows the customer to use the TV in special places such as hotels, prisons or hospitals. These restrictions are basically given below.

- The user cannot increase the volume above a specified limit. And can set fixed volume value.
- The user can enable headphone direct volume control.
- The user cannot reach some menus.
- The user cannot use the buttons on the TV.
- The user can limit the start-up source position.
- Last status can/cannot be used.
- Teletext can be disabled or enabled.
- NVRAM data (like service list and user preferences, etc.) can be copied to or from a USB device.
- Pin8 can/cannot be used.

To enter hotel menu, press **Menu-3-1-9-7-5-3-Mute** buttons consecutively.

HOTEL MENU ITEMS

Hotel Mode

Set as '**On**' to activate hotel mode. In hotel mode, channel list and install menu are blocked.

Pin 8

Set as '**On**' to enable picture mode changes accroding to Pin8 data.

Last Status

Set as '**On**' to enable the TV to reopen with the closing status.

Panel Lock

Set as **All** to prohibit the use of the buttons on the TV. **Partial** option does not prohibit the scroll button functions. If the TV has multiple control buttons, only the **Source** button will be functional if the option is set as **Partial**.

RCU Inhibit

Set as '**On**' to inhibit the use of the remote. To turn this option off, repeat the steps to open hotel menu.Remote control will function in Stand-By mode independently from the setting of this option. If this option is set as 'Limited' only the Volume Up/Down, Programme Up/Down, Numeric Buttons and the Standby button on the remote will be functional.

Startup Position

You can specify the opening settings of the TV. Choose the channel and/or source to be opened when the TV is switched on next time. The available options are as the following:

Auto: The TV will open with the last channel(if TV was the last source) or last source.

TV: The TV will open with the channel that is specified in "**Startup Channel**" menu item.

Other: The TV will open with the specified source (EXT1, SIDE AV, HDMI1 etc.).

Startup Channel

You can specify a channel to be displayed when the TV is turned on next time (if **'Startup Position'** is set as **'TV'**).

Volume Limit

Set the maximum value of the volume.

Fixed Volume Enable

Set as '**On**' to enable the use of fixed volume value which is set in "**Fixed Volume Value**" menu item.

Fixed Volume Value

Set the value of the volume to be fixed.

OSD Disable

The default value is set as '**Disable Setup Menus**' for hotel mode. You can block all menus by setting this item as '**Disable All Menus**'. Invisable Setup Menus are:

Main menu: Install and Retune, Channel list

Settings menu: Parental, Sources, Satellite Settings, Network Settings, Other settings

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Teletext

You can enable or prohibit the teletext services(or MHEG if available) by setting this item as 'On' or 'Off'.

Copy To USB (USB cloning)

You can copy the NVRAM data (service list, preferences, etc.) and the welcome image as "hotel_wel.png" to a USB device using this option. Press OK to copy those files from TV to USB.

Copy From USB (USB cloning)

You can copy the NVRAM data (service list, preferences, etc.) and the welcome image from a USB device using this option. The welcome image should be named as "hotel_wel.png" and copied into a directory named "welcome_image". Press OK to copy those files from USB to TV.

Note: *USB device, which will be used for USB cloning functions, must be FAT32 formatted. You can use the hidden key combination, "**Menu-0-6-2-5-9-6-Info**", for quick USB Cloning.*

Wakeup Time Channel

Set the channel, whose time information is to be used for wakeup timer. If this option is set as "0", time information of the channel which is being watched will be used.

Note: *If hotel mode is active, '**Add wake up timer**' function will be available in '**Settings/Timers**' menu. After the new timer is saved, the TV will wake up automatically on desired time.*

Wakeup Time Volume

Set the wakeup volume value of the TV. This value can't be set as greater than the value in 'Volume Limit' menu item.

USB Option

Set as 'Off' to disable the USB ports on the TV. You can also set this option as **5V** to provide 5 volts power over USB. In this case it will still not be available to browse the USB content via Media Browser feature of the TV.

Fixed Pic. Mode

Set as 'On' to disable picture setting menus.

Boot Up Picture Mode

You can choose one of the picture modes that the TV will boot up with or set as **Off**. This option is set as **Off** by default. Picture mode can be changed later using the **Mode** option in the **Picture Settings** menu. Press the Menu button. Select **Picture** and press **OK**. Highlight **Mode** and set using the Left/Right buttons on the remote.

Digital Tuner

Set as '**Off**' to disable digital channels. When a digital channel is opened from the channel list, "no signal" message will be displayed and digital channels will not be listed when manual or auto searches are performed.

Multiple RC Support (up to 4)

You can choose one of the predefined remotes or set as '**Off**'. You can set the RCU type from 'RCU program menu'. The shortcut of this menu is **RETURN-1-2-3-4**.

Note: *For any MHEG supporting services you should press the **INFO-RETURN-1-2-3-4** buttons buttons consecutively. The multiple RC support is works on RC5 type of remote controllers.*

NIT Update

If this option is enabled NIT (Nertwork Information Table) data will be updated automatically.

High Security

If you set this option as **ON**, the Hotel TV menu will be accessible only via the Philips Hospitality Setup remote (22AV8573).

Note: *Only the " RC setup+ Home/Menu" key combination can be used to open the Hotel Mode menu. Other keys are not recognized by the TV.*

EPG Enable/Disable

If you enable this option the EPG menu will be accessable while the TV is in Hotel mode.

CEC Enabled

You can set the TV to detect connected CEC devices and switch to related source automatically by setting this option as **ON - Auto Switch**. Other options are **ON - Manual Switch** and **Off**.

Reset to Default Values

Highlight this option and press the **OK** button on the remote to return the TV to default settings.

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